

# SECURE & ROBUST

Benefit from night and day long-range surveillance



**30**

Up to 30 km  
communication  
range (250m AGL)

**1000**

m IR detection  
distance

**135**

Up to 135 min  
endurance

**8**

min  
deployment  
time

Expert Line

# DT26X Surveillance

LONG-RANGE SMALL UAV,  
SURVEY AND MAP WITH EASE

## INDUSTRIES



Power &  
Utilities



Oil & Gas



Security &  
Defense



Railways &  
Roads



Mines and  
Quarries

## KEY APPLICATIONS

- Intelligence, Surveillance & Reconnaissance (ISR)
- Discreet Surveillance
- Missions in Sensitive Areas
- Day & Night Routine
- Surveillance of Industrial Sites
- Emergency Response
- Wild Fire Management
- Natural Disaster Management
- Anti-poaching Operations

## KEY DIFFERENTIATORS

**Unrivalled image quality** with on-board stabilization, video tracking, movement detection, human recognition at a distance of more than 1.5 km, both night & day. Real-time video transmitted at a 30 km range.

**Safety:** advanced automatic failsafe modes, with emergency parachute. Safety analysis conducted according to Aeronautical Standards, namely ARP4761.

**Rugged:** field-proven in the harshest conditions (desert, rocks, mountain, tropical forest, snow, etc.), capable of landing on any type of surface, with robust protection for the payload.

**Stealth & mobile:** the DT26X is silent (undetectable at night) and can be deployed in the field within minutes by a single operator.

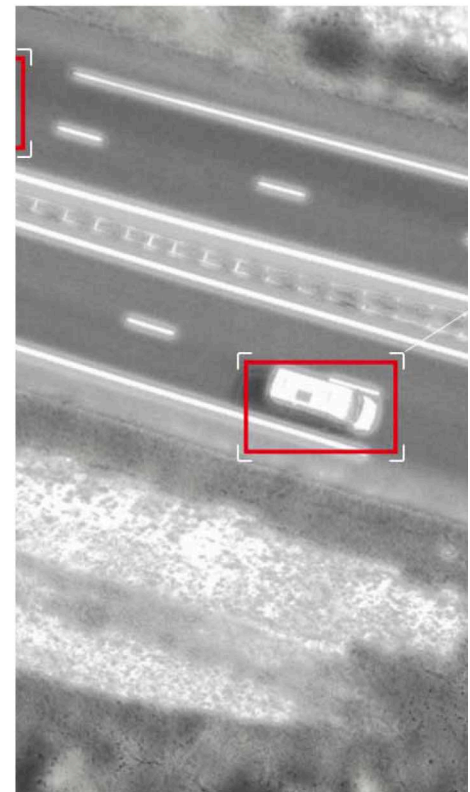
## UAV SPECIFICATIONS

Endurance <sup>1</sup> .....	Up to 135 minutes
Weight (payload included) .....	15 kg
Wingspan / Length .....	3.3 m / 1.6 m
Material .....	Composite (fiberglass, carbon, kevlar), EPP foam
Deployment time <sup>1</sup> .....	8 min
Take-off / Landing .....	Catapult / Belly (all terrain)
Cruise speed .....	57 km/h (31 kts)
Communication range <sup>1</sup> .....	Up to 30 km (250m AGL)
Very low cruise acoustic signature .....	< 80 dBA (acoustic pressure converted at a distance of 1 m)
ITAR FREE	

<b>Detection / Recognition / Identification (field measurement)<sup>1</sup></b>	EO Human: 1800 m / 1250 m / 1000 m
	EO Vehicule: 8500 m / 4500 m / 3600 m
	IR Human: 1000 m / 500 m / 300 m
	IR Vehicule: 1800 m / 1000 m / 500 m

### Operating conditions

Wind resistance - Weather .....	50 km/h, moderate rain, -15 to 50°C (at sea level)
Take-off & landing altitude / ceiling <sup>1</sup> .....	0 to 2300 m ASL @ 0° / 3000 m
Landing accuracy .....	Typically: 10 m x 20 m / Recommended: 15 m x 30 m



## SENSOR

### Gyrostabilized EO/IR video camera

Pan - Tilt / Angular resolution .....	Infinite range / 25 µRad
EO specifications .....	Zoom: x 36 optical / FOV: 1.7 to 56° / Resolution: 720 x 576 px
IR specifications .....	Zoom: Digital (continuous) / FOV: 17.7° / Resolution: 640 x 480 px / Wavelength: 8 to 14 µm
Tracking .....	Videotracking, geotracking, «click and track» feature

Advanced image stabilisation  
Onboard image enhancement (contrast, shutter, gain)  
Detection of multiple moving objects

## DELIVERABLES

**REAL TIME VIDEO AND SCREENSHOT FEATURE.**

### ANALYTICS

**ON-LINE FEATURES: POSSIBILITY TO STORE OR REPLAY THE WHOLE FLIGHT**



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<sup>1</sup> Actual results may vary depending on UAV configuration, battery age and condition, and operational, environmental and climate conditions.

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Specifications subject to change without notice to improve reliability, function or design or otherwise.

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